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Hand Book of

Gasoline Automobiles

For the information of the public who are interested in their manufacture and use

1906

Association of Licensed Automobile Manufacturers

7 East 42d Street, New York City, U. S. A.

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1906

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Bartlett & Company—The Orr Press—New York

Third Annual Announcement

THE successful results attending the previous issues of this "Hand Book" fully justify its present standardized form as a permanent annual publication for the convenience of the prospective purchaser of an automobile. The products of the principal manufacturers throughout the United States of America and of the importers of gasoline machines are shown by illustrations and specifications. These specifications form a series of the leading questions that arise in the mind of the purchaser, with the answers thereto in red ink. The questions being uniform, the ease of comparison is obvious and the purchaser is enabled to select the machines which are best suited to the service required, to his personal taste, or the means at his command.

It is believed by the several manufacturers who have united in producing this publication that this disinterested method of placing before the purchaser this means of comparison will be found of great advantage.

Each manufacturer or importer conducts his business entirely independently of the other, and, of course, in open competition, but the recognition by the companies represented herein of the basic United States patent No. 549,160, granted to George B. Selden, November 5th, 1895, on gasoline automobiles (which controls broadly all gasoline automobiles which are accepted as commercially practicable), is a guarantee that a purchase through the several companies herein represented, or through any one of their agents, secures to the purchaser freedom from the annoyance and expense of litigation because of infringement of this patent.

Catalogues of individual makers, giving further details, should be obtained of the agent in your vicinity or can be had by addressing any company represented in this book, using one of the "catalogue request blanks" on pages 143, 145 and 147.

Note.—All motors are of the four-cycle type unless otherwise specified.

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▼

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Gasoline Automobiles

The Commissioner of Patents in his annual report for the year 1895, said: "Selden, in 1895, received a patent, November 5th, No. 549,160, which may be considered the pioneer invention in the application of the compression gas engine to road or horseless carriage use."

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Price

$3500

With top

$200 extra

Limousine

$5200

Model: C.

Body: Touring or limousine.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2500 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Worm and segment.

Brakes: Hand emergency and foot.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; pump.

Ignition: Jump spark; storage batteries.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Full leather or mackintosh.

Descriptive catalogue sent upon application to the above-named company.

Price

$4500

With top

$4700

Model: B.

Body: Touring.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2750 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Hand emergency and foot.

Gasoline capacity: 20 gallons.

Frame: Pressed steel, reinforced.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; pump.

Ignition: Double system; jump spark, battery and magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three or four forward (optional), one reverse.

Style of top: Full leather, collapsible, for both seats.

Descriptive catalogue sent upon application to the above-named company.

Price

$5500
With top
$5700

Model: A, SPECIAL.

Body: Touring.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3000 pounds.

Wheel base: 116 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Hand emergency and foot.

Gasoline capacity: 20 gallons.

Frame: Pressed steel, reinforced.

Horse-power: 50-55.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; pump.

Ignition: Double system; jump spark, battery and magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Full leather, collapsible, for both seats.

Descriptive catalogue sent upon application to the above-named company.

Price

$10,500
With top
$10,700

Model: D.

Body: Racing or touring.

Color: Special.

Seating capacity: Two or seven persons.

Total weight: Chassis, 2000 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Hand emergency and foot.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 95.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; pump.

Ignition: Double system, high tension.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price
$80

Model: ROCHET-SCHNEIDER.

Body: Double side doors—any style.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2400 pounds.

Wheel base: 117 inches.

Wheel tread: 57 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Worm and sector.

Brakes: Two differential; and two internal expanding emergency on rear wheels.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 30-35 (also 18-22 and 40-50).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; honeycomb radiator.

Ignition: Make-and-break; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four, one reverse; direct on high gear.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price
$1000

Model: TYPE X.

Body: Runabout.

Color: Blue.

Seating capacity: Two persons.

Total weight: 1300 pounds.

Wheel base: 76 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel.

Brakes: External hub on each rear wheel; one pinion shaft.

Gasoline capacity: 9 gallons.

Frame: Armored wood.

Horse-power: 12.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under hood.

Cooling: Water; tubular radiator and centrifugal pump.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$2600

Model: TYPE XII.

Body: Side entrance tonneau—wood.

Color: Blue.

Seating capacity: Five persons.

Total weight: 2475 pounds.

Wheel base: 100 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel.

Brakes: External and internal on drums on both rear wheels.

Gasoline capacity: 16 gallons.

Frame: Wood, armored with pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; tubular radiator, fan and centrifugal pump.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$3500

Model: TYPE XII.

Body: Limousine.

Color: Body, green; running gear, optional.

Seating capacity: Five persons.

Total weight: 2975 pounds.

Wheel base: 100 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4½ inches.

Steering: Wheel.

Brakes: External and internal on drums on both rear wheels.

Gasoline capacity: 16 gallons.

Frame: Wood, armored with pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; tubular radiator, fan and centrifugal pump.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$6000
Brougham
$6850

Model: CLEMENT-BAYARD.

Body: Double side entrance, landaulet, brougham or touring.

Color: Blue and red, green and yellow, red and red.

Seating capacity: Six persons.

Total weight: 2400 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4¼ inches.

Steering: Wheel, through irreversible worm gear.

Brakes: Two internal expansion, double-acting.

Gasoline capacity: 12 to 18 gallons.

Frame: Pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; honeycomb radiator with fan and pump.

Ignition: Double; jump spark with high tension magneto and batteries.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Four forward, one reverse.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

$9000
With top
$9350

Model: CLEMENT-BAYARD.

Body: Double side entrance, landaulet or brougham.

Color: Blue and red, green and yellow, red and red.

Seating capacity: Seven persons.

Total weight: 2900 pounds.

Wheel base: 120 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4¼ inches.

Tire dimensions, rear: 36 x 4¾ inches.

Steering: Wheel, through irreversible worm gear.

Brakes: Two internal expansion, double-acting.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; honeycomb radiator with fan and pump.

Ignition: Double; jump spark with high tension magneto and batteries.

Drive: Double side chain.

Transmission: Sliding gears; direct on high gear.

Speeds: Four forward, one reverse; selective.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

$11,000
With top
$11,150

Model: CLEMENT-BAYARD.

Body: Double side entrance, landaulet or brougham.

Color: Blue and red, green and yellow, red and red.

Seating capacity: Eight persons.

Total weight: 3150 pounds.

Wheel base: 130 inches.

Wheel tread: 57 inches.

Tire dimensions, front: 36 x 4¼ inches.

Tire dimensions, rear: 36 x 4¾ inches.

Steering: Wheel, through irreversible worm gear.

Brakes: Two internal expansion, double-acting.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 60.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; honeycomb radiator with fan and pump.

Ignition: Double; make-and-break with magneto; and jump spark with batteries.

Drive: Double side chain.

Transmission: Sliding gear; direct on high gear.

Speeds: Four forward, one reverse; selective.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

$1000
With top
$1080

Model: G, RUNABOUT.

Body: Wood—special design with turtle back.

Color: Aluminum or purple lake.

Seating capacity: Two persons.

Total weight: 1400 pounds.

Wheel base: 87 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Bevel gear and sector.

Brakes: Hub, internal expanding.

Gasoline capacity: 15 gallons.

Frame: Angle steel.

Horse-power: 22.

Number of cylinders: Two.

Cylinders arranged: Horizontally, under body.

Cooling: Water.

Ignition: Jump spark; storage battery.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
$1250
With top
$1350

Model: F.

Body: Wood—side entrance.

Color: Purple lake (deep wine).

Seating capacity: Five persons.

Total weight: 1840 pounds.

Wheel base: 87 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Bevel gear and sector.

Brakes: Hub, internal expanding.

Gasoline capacity: 15 gallons.

Frame: Angle steel.

Horse-power: 22.

Number of cylinders: Two.

Cylinders arranged: Horizontally, under body.

Cooling: Water.

Ignition: Jump spark; storage battery.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price
$2500

Model: D.

Body: Wood.

Color: Deep blue body, royal blue mouldings.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 102 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches

Steering: Bevel gear and sector.

Brakes: Two; shaft and internal expansion on hubs.

Gasoline capacity: 15 gallons.

Frame: Cold-rolled pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark; storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$750
With top
$800

Model: K, LIGHT RUNABOUT.

Body: Wood, runabout.

Color: Purple lake, dark carmine running gear.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 74 inches.

Wheel tread: 56 or 61 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel, rack and pinion.

Brakes: Double-acting, on differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$950

With top

$1025

Model: M, LIGHT TOURING CAR.

Body: Wood; double side door entrance.

Color: Purple lake, dark carmine running gear.

Seating capacity: Four persons.

Total weight: 1350 pounds.

Wheel base: 76 inches.

Wheel tread: 56 or 61 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel, rack and pinion.

Brakes: Double-acting, on differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

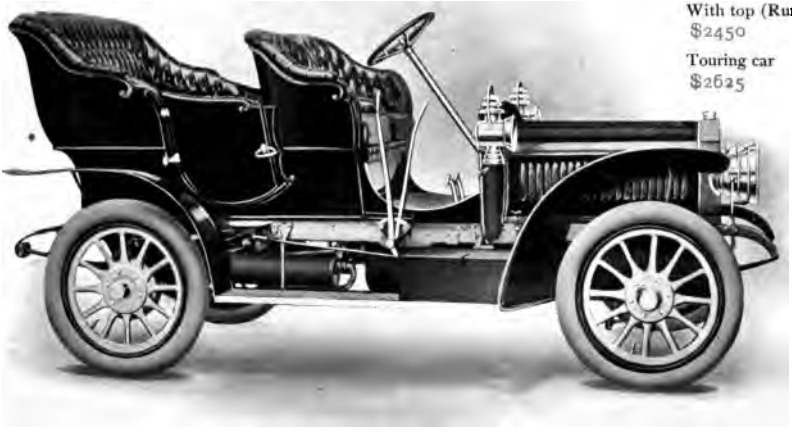
Price (without lamps)

Runabout
$2400

Touring car
$2500

With top (Runabout)
$2450

Touring car
$2625



Model: H.

Body: Wood; double side door entrance.

Color: Purple lake, dark carmine running gear.

Seating capacity: Five persons.

Total weight: 2400 pounds.

Wheel base: 100 inches.

Wheel tread: 56½ or 61 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel, irreversible.

Brakes: Double-acting, contracting and expanding on rear wheel hub drums.

Gasoline capacity: 16 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Three forward, one reverse.

Style of top: Cape cart on touring car.

Descriptive catalogue sent upon application to the above-named company

Price

(without lamps)
$3000

Model: H, COUPE.

Body: Wood.

Color: Purple lake, dark carmine running gear.

Seating capacity: Two persons.

Total weight: 2500 pounds.

Wheel base: 100 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel, irreversible.

Brakes: Double-acting, contracting and expanding on rear wheel drums.

Gasoline capacity: 16 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

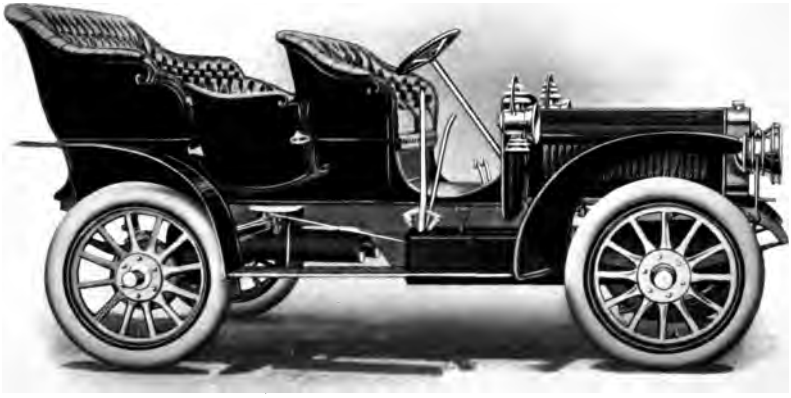
Price

(without lamps)

$3750

With top

$3900



Model: L.

Body: Wood, double side door entrance.

Color: Purple lake, dark carmine running gear.

Seating capacity: Five to seven persons.

Total weight: 2850 pounds.

Wheel base: 110 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Double-acting, contracting and expanding on rear wheel drums.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price
(without lamps)
$5000

Model: L, LIMOUSINE.

Body: Wood.

Color: Purple lake, dark carmine running gear.

Seating capacity: Seven persons.

Total weight: 3600 pounds.

Wheel base: 110 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Double-acting, contracting and expanding on rear wheel drums.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000
With top
$5500

Model: DE LEON, 1906.

Body: Double side entrance.

Color: Optional.

Seating capacity: Five persons.

Total weight: Chassis, 2000 pounds.

Wheel base: 118 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Steering: Wheel.

Brakes: Three; differential, counter-shaft, and expansion on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed nickel steel.

Horse-power: 35 (also 24-30).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; honeycomb radiator, pump and fan.

Ignition: Jump spark; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Demi-limousine.

Descriptive catalogue sent upon application to the above-named company.

Price

$6500
With top
$7000

Model: J, 1906 HOTCHKISS.

Body: Double side entrance.

Color: Optional.

Seating capacity: Five persons.

Total weight: Chassis, 2150 pounds.

Wheel base: 120 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Steering: Wheel.

Brakes: Three; differential, counter-shaft, and expansion on both rear wheels.

Gasoline capacity: 15 gallons.

Frame: Pressed nickel steel.

Horse-power: 35 (also 25).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; gear-driven pump and fan.

Ignition: High tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Demi-limousine.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$4250
Touring body
$5000
Demi-limousir
$5500
Limousine
$6000

Model: DARRACQ.

Body: Double phaeton, demi-limousine or limousine.

Color: Royal blue, dark green or red.

Seating capacity: Five to seven persons.

Total weight: 2050 pounds (with touring body).

Wheel base: 110 inches (long chassis).

Wheel tread: 52 inches.

Tire dimensions, front: 810 x 90 m/m.

Tire dimensions, rear: 810 x 90 m/m.

Steering: Worm and segment.

Brakes: Internal expansion on shaft, controlled by foot pedal; and on rear wheels, controlled by side hand lever.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; Mercedes honeycomb radiator and gear-driven centrifugal pump.

Ignition: Jump spark with coil and accumulator; and make-and-break with low tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse, actuated by one lever on quadrant under steering wheel.

Style of top: Cape or canopy, sliding glass front and back, as selected.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$5250
Touring body
$6000
Demi-limousine
$6450
Limousine
$7000

Model: DARRACQ.

Body: Double phaeton, limousine or demi-limousine.

Color: Royal blue, dark green or red.

Seating capacity: Five to seven persons.

Total weight: 2600 pounds (with touring body).

Wheel base: 120 inches.

Wheel tread: 53 inches.

Tire dimensions, front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Steering: Worm and segment.

Brakes: Internal expansion on shaft, controlled by foot pedal; and on rear wheels, controlled by side hand lever.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 20-32.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; new type gilled tube radiator and gear-driven centrifugal pump.

Ignition: Jump spark with coil and accumulator; and make-and-break with low tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse, actuated by one lever on quadrant under steering wheel.

Style of top: Cape or canopy, sliding glass front and back.

Descriptive catalogue sent upon application to the above-named company.

Price

$10,500

Model: 1906.

Body: Side entrance phaeton.

Color: Optional.

Seating capacity: Seven persons.

Total weight: Chassis, 2800 pounds.

Wheel base: 128 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 870 x 100 m/m.

Tire dimensions, rear: 920 x 125 m/m.

Steering: Wheel, with worm and sector; positive-acting device.

Brakes: One on countershaft; two internal expanding on rear wheels.

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 40-50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator with fan; fan in fly-wheel.

Ignition: Make-and-break; low tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Cape cart hood.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$5850
With body and top
$7000

Model: DECAUVILLE TOURING CAR.

Body: Optional.

Color: Optional.

Seating capacity: According to body.

Total weight: Chassis, 2800 pounds.

Wheel base: 106 to 116 inches.

Wheel tread: Standard.

Tire dimensions, front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Steering: Wheel.

Brakes: Expanding on rear hubs; contracting double-acting on drive shaft.

Gasoline capacity: 20 gallons.

Frame: Pressed steel, with patented steel pan supporting engine and gear case.

Horse-power: 24-28.

Number of cylinders: Four, in pairs.

Cylinders arranged: Vertically, under hood.

Cooling: Water; honeycomb radiator, with fan and gear-driven pump.

Ignition: Two complete systems; high tension magneto; and battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$7000
With body
and top
$9500

Model: CHARRON, GIRARDOT & VOIGT.

Body: Optional.

Color: Optional.

Seating capacity: According to body.

Total weight: Chassis, 2600 pounds.

Wheel base: 102 to 120 inches, or longer if ordered.

Wheel tread: Standard.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel.

Brakes: Expanding on each rear wheel, as well as on differential shaft.

Gasoline capacity: 16 gallons.

Frame: Nickel steel lined—of hard pressed wood.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump and radiator.

Ignition: Jump spark; accumulator and magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$7600
With body and top
$8600

Model: ENGLISH DAIMLER TOURING CAR.

Body: Optional.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: Chassis, 2000 pounds.

Wheel base: 104 to 132 inches.

Wheel tread: Standard.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel.

Brakes: Two external on cross shaft; two external on hubs.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 30-40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; vertical gilled tubes with fan and geared pump.

Ignition: Two systems; high tension magneto; and jump spark with distributor.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$1750
With top
$1850

Model: COLUMBIA, MARK XLIV-2.

Body: Side entrance.

Color: Body: green, gold stripe; gear: green, light green stripe.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 90 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel, rack and pinion type.

Brakes: Hand brakes, expanding on both rear hubs; foot brakes, contracting on both rear hubs; drums separated for cooling.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 18-19.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under hood.

Cooling: Water; cellular radiator, fly-wheel fan.

Ignition: Jump spark; 20 dry cells.

Drive: Propeller shaft.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Cape.

Descriptive catalogue sent upon application to the above-named company.

Price
$3000

Model: COLUMBIA, MARK XLVI.

Body: Side entrance.

Color: Dark green body, black mouldings; gear: green, black stripe.

Seating capacity: Five persons.

Total weight: 2100 pounds.

Wheel base: 98 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Hand wheel, irreversible worm and sector.

Brakes: Foot, contracting shoe type; hand, internal expanding shoes in rear wheel drums.

Gasoline capacity: 12 gallons.

Frame: Pressed steel.

Horse-power: 24-28.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator, fly-wheel fan.

Ignition: Make-and-break; low tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Cape.

Descriptive catalogue sent upon application to the above-named company.

Price

$4500

With top

$4700

Model: COLUMBIA, MARK XLVII.

Body: Side entrance.

Color: Body: dark green, light green stripe; gear: dark green, light green stripe.

Seating capacity: Seven persons.

Total weight: 3000 pounds.

Wheel base: 108 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake, expanding shoes in front sprockets; hand brake, expanding shoes in rear wheel drums.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator with fan.

Ignition: Jump spark; storage batteries.

Drive: Double side chain.

Transmission: Sliding gear; direct on high gear.

Speeds: Four forward, one reverse.

Style of top: Cape.

Descriptive catalogue sent upon application to the above-named company.

Price
$5000

Model: COLUMBIA, MARK XLVII. (DOUBLE VICTORIA).

Body: Double victoria.

Color: Optional.

Seating capacity: Five persons.

Total weight: 3100 pounds.

Wheel base: 112 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake, expanding shoes in front sprockets; hand brake, expanding shoes in rear wheel drums.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator with fan.

Ignition: Jump spark; storage batteries.

Drive: Double side chain.

Transmission: Sliding gear; direct on high gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$5500

Model: COLUMBIA, MARK XLVII. (LIMOUSINE).

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3400 pounds.

Wheel base: 112 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot, expanding shoes in front sprockets; hand, expanding shoes in rear wheel drums.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator with fan.

Ignition: Jump spark; storage batteries.

Drive: Double side chain.

Transmission: Sliding gear; direct on high gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$1500

Model: 14.

Body: Detachable side entrance tonneau.

Color: Dark red.

Seating capacity: Four persons.

Total weight: 1750 pounds.

Wheel base: 92 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel.

Brakes: Two on hubs, rear wheels; one on propeller shaft.

Gasoline capacity: 15 gallons.

Frame: Pressed cold-rolled steel.

Horse-power: 24.

Number of cylinders: Three. two-cycle.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$2500

With top
$2650

Model: 15.

Body: Tonneau.

Color: Elmore blue.

Seating capacity: Five persons.

Total weight: 2200 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel.

Brakes: Two on hubs, rear wheels; one on propeller shaft.

Gasoline capacity: 20 gallons.

Frame: Pressed cold-rolled steel.

Horse-power: 35.

Number of cylinders: Four. two-cycle.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$1400

Model: E.

Body: Stanhope.

Color: Royal blue and yellow, light brilliant green and yellow, Franklin green, Franklin red, royal blue.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 81 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel, irreversible.

Brakes: Two equalizing bands on rear wheels.

Gasoline capacity: 7 gallons.

Frame: Wood.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$1800

Model: G.

Body: Aluminum, with side entrance, detachable tonneau, divided front seats.

Color: Black and red, Holland blue and yellow, dark blue, Franklin red.

Seating capacity: Four persons.

Total weight: 1400 pounds.

Wheel base: 88 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 760 x 90 m/m.

Tire dimensions, rear: 760 x 90 m/m.

Steering: Wheel, irreversible.

Brakes: One on countershaft and two equalizing bands on rear wheels.

Gasoline capacity: 7 gallons.

Frame: Wood.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark.

Drive: Bevel gear.

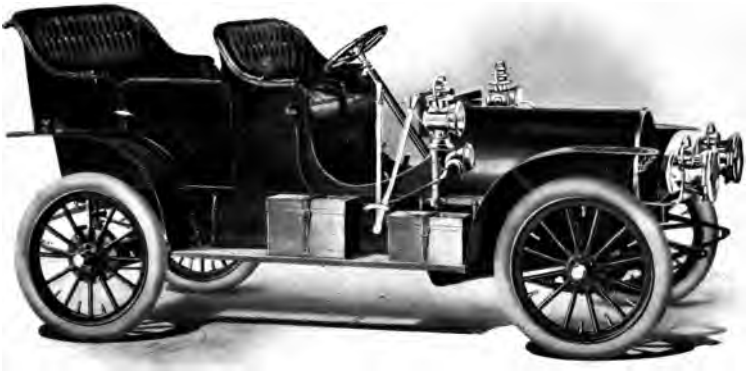
Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price
$2800



Model: D.

Body: Aluminum, with side entrance, detachable tonneau, divided front seats.

Color: Dark blue, Franklin red, black and red, light brilliant green, Holland blue and yellow.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 100 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel, irreversible.

Brakes: One on countershaft and two equalizing bands on rear wheels.

Gasoline capacity: 12 gallons.

Frame: Wood.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark.

Drive: Bevel gear.

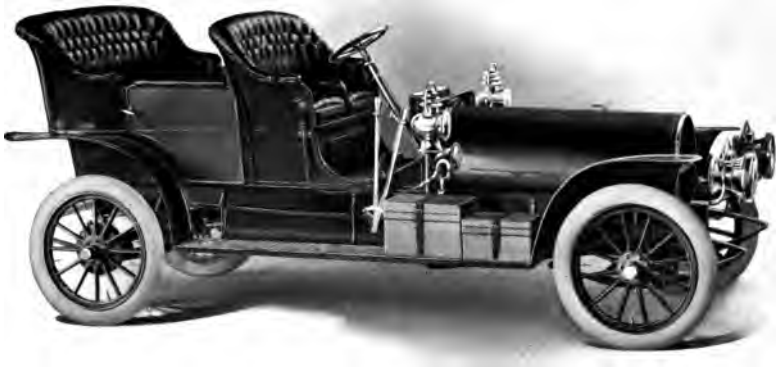
Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000



Model: H.

Body: Aluminum, with side entrance, detachable tonneau, divided front seats.

Color: Dark blue, Franklin red, black and red, light brilliant green, Holland blue and yellow.

Seating capacity: Five persons.

Total weight: 2200 pounds.

Wheel base: 119 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel, irreversible.

Brakes: One on countershaft and two equalizing bands on rear wheels.

Gasoline capacity: 16 gallons.

Frame: Wood.

Horse-power: 30.

Number of cylinders: Six.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse

Descriptive catalogue sent upon application to the above-named company.

Price

$2250
With top
$2375

Model: O.

Body: Wood and aluminum.

Color: Royal green, maroon or black.

Seating capacity: Five persons.

Total weight: 2250 pounds.

Wheel base: 97 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel.

Brakes: Double bands on 10-inch drums on rear wheels; internal expanding, controlled by hand lever; external contracting, controlled by foot pedal.

Gasoline capacity: 18 gallons.

Frame: Pressed steel, reinforced with wood.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven pump.

Ignition: Jump spark; one storage battery, one set dry cells.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Folding extension.

Descriptive catalogue sent upon application to the above-named company.

Price

$3500
With top
$3625

Model: R.

Body: Aluminum and wood.

Color: Royal green, maroon or black.

Seating capacity: Five persons; two extra seats may be added at small additional cost.

Total weight: 2750 pounds.

Wheel base: 108 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Double bands on 10-inch drums on rear wheels; internal expanding, controlled by hand lever; external contracting, controlled by foot pedal.

Gasoline capacity: 20 gallons.

Frame: Pressed steel, reinforced with wood.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven pump.

Ignition: Jump spark; one storage battery, one set dry cells.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Folding extension.

Descriptive catalogue sent upon application to the above-named company.

Price
$1500

Model: RUNABOUT.

Body: Two individual seats.

Color: Optional.

Seating capacity: Two persons.

Total weight: 1300 pounds.

Wheel base: 72 inches.

Wheel tread: 54½ inches.

Tire dimensions, front: 760 x 90 m/m.

Tire dimensions, rear: 760 x 90 m/m

Steering: Wheel and worm.

Brakes: Internal expanding on rear wheels and differential.

Gasoline capacity: 6½ gallons.

Frame: Pressed steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; pump.

Ignition: Low tension magneto; jump spark with battery.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Leather.

Descriptive catalogue sent upon application to the above-named company.

Price

$1600

Model: LIGHT DELIVERY.

Body: Closed.

Color: Optional.

Carrying capacity: 1000 pounds.

Total weight: 1700 pounds.

Wheel base: 84 inches.

Wheel tread: 54½ inches.

Tire dimensions, front: 30 x 3 inches, solid.

Tire dimensions, rear: 30 x 4 inches, solid.

Steering: Wheel and worm.

Brakes: Internal expanding on rear wheels and differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; pump.

Ignition: Wipe spark with magneto and jump spark with battery.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Closed, wooden.

Descriptive catalogue sent upon application to the above-named company.

Price

$2600

Model: LIMOUSINE OR LANDAULET.

Body: Limousine or landaulet.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 84 inches.

Wheel tread: 54½ inches.

Tire dimensions, front: 760 x 90 m/m.

Tire dimensions, rear: 765 x 105 m/m.

Steering: Wheel and worm.

Brakes: Internal expanding on rear wheels and differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; pump.

Ignition: Low tension magneto; jump spark with battery.

Drive: Chain, with countershaft.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000
Limousine

$4500

Model: TOURING CAR.

Body: Tonneau, side entrance; or limousine.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2600 pounds.

Wheel base: 110 inches.

Wheel tread: 54½ inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 875 x 105 m/m.

Steering: Wheel and worm.

Brakes: Internal expanding on rear wheels and differential.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 20-30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; pump.

Ignition: Low tension magneto; jump spark with battery.

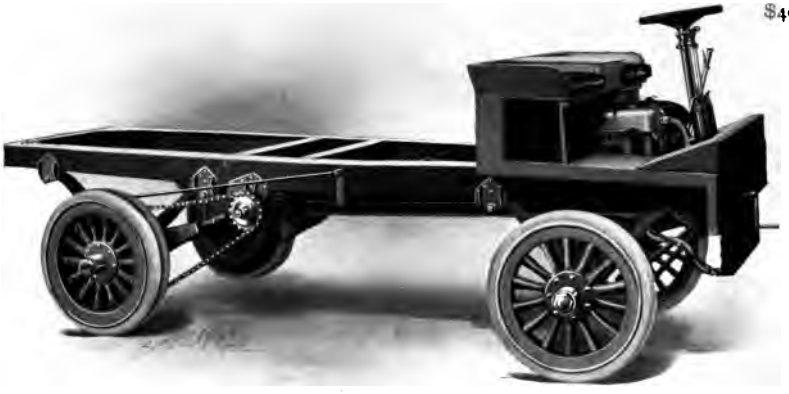
Drive: Bevel gear.

Transmission: Sliding gear or planetary.

Speeds: Three forward, one reverse; or two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
chassis
$4000



Model: TRUCK.

Body: Optional.

Color: Optional.

Carrying capacity: 8000 pounds.

Total weight: 4700 pounds.

Wheel base: 144 inches.

Wheel tread: 66 inches.

Tire dimensions, front: 36 x 6 inches.

Tire dimensions, rear: 36 x 3½ inches (two tires on each wheel).

Steering: Wheel, rack and pinion.

Brakes: Internal expanding on rear wheels and differential.

Gasoline capacity: 40 gallons; two separate tanks.

Frame: Pressed steel.

Horse-power: 25.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; pump.

Ignition: Low tension magneto; jump spark with battery.

Drive: Double side chain.

Transmission: Planetary, or sliding gear.

Speeds: Two forward, one reverse; or three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$7000
any folding
top included

Model: F I A T.

Body: Optional.

Color: Optional.

Seating capacity: Five, seven or nine persons.

Total weight: 2600 pounds.

Wheel base: 111, 119 and 129 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, with worm and sector.

Brakes: Internal expanding, water cooled.

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; Daimler radiator.

Ignition: Make-and-break; low tension Simms-Bosch magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$9000
any folding
top included

Model: F I A T.

Body: Optional.

Color: Optional.

Seating capacity: Five, seven or nine persons.

Total weight: 3000 pounds.

Wheel base: 114, 122 and 131 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, with worm and sector.

Brakes: Internal expanding, water cooled.

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; Daimler radiator.

Ignition: Make-and-break; low tension Simms-Bosch magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

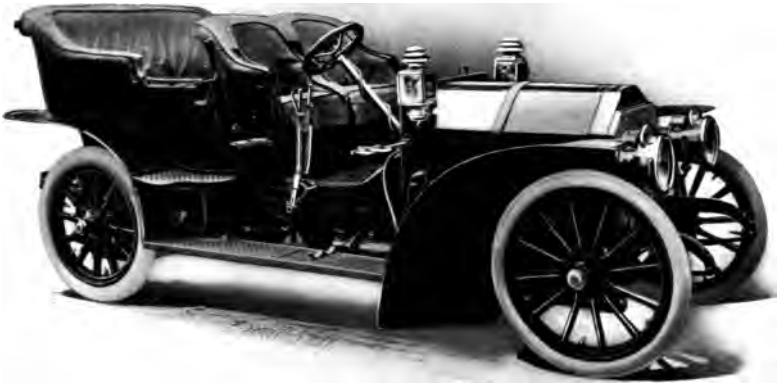
Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$12,000
any folding
top included



Model: FIAT.

Body: Optional.

Color: Optional.

Seating capacity: Five, seven or nine persons.

Total weight: 3300 pounds.

Wheel base: 116, 124 and 134 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, with worm and sector.

Brakes: Internal expanding, water cooled.

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; Daimler radiator.

Ignition: Make-and-break; low tension Simms-Bosch magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$1400
With top
$1450

Model: F-4, TOURIST.

Body: As shown.

Color: Green.

Seating capacity: Two persons.

Total weight: 1600 pounds.

Wheel base: 81 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two foot and one hand.

Gasoline capacity: 8 gallons.

Frame: Angle steel.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under center of body.

Cooling: Air.

Ignition: Jump spark; dry cells.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Cloth.

Descriptive catalogue sent upon application to the above-named company.

Price
$1800

Model: 41.

Body: Delivery wagon.

Color: Red or green.

Carrying capacity: 1500 pounds.

Total weight: 2700 pounds.

Wheel base: 78 inches.

Wheel tread: 56 inches

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Irreversible lever; Lemp check.

Brakes: Two foot; one hand.

Gasoline capacity: 13 gallons.

Frame: Angle steel.

Horse-power: 8-10.

Number of cylinders: One.

Cylinder arranged: Horizontally, under center of body.

Cooling: Air.

Ignition: Jump spark; dry cells.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Metal grill.

Descriptive catalogue sent upon application to the above-named company.

Price

$1900
With top
$2000

Model: F, TONNEAU.

Body: Side entrance.

Color: Green.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 90 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel or lever; Lemp check.

Brakes: Two foot; one hand.

Gasoline capacity: 16 gallons.

Frame: Angle steel.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under center of body.

Cooling: Air.

Ignition: Jump spark; dry cells.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Cloth, extension.

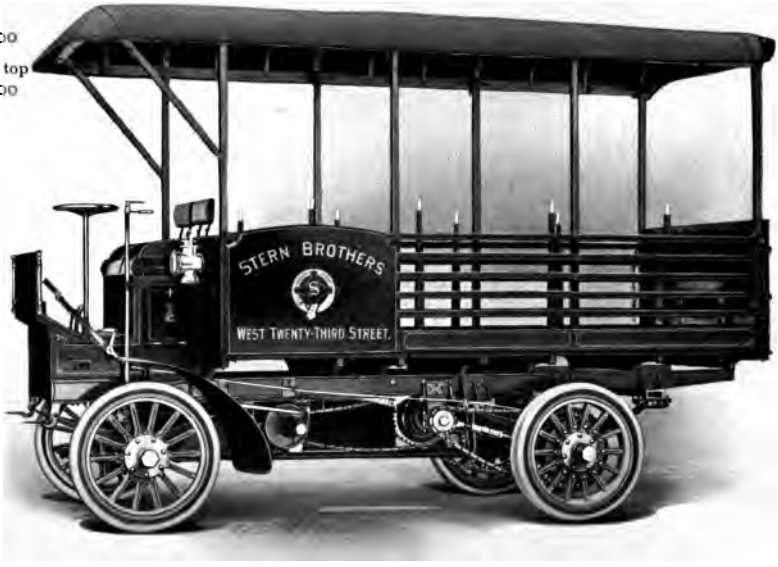
Descriptive catalogue sent upon application to the above-named company.

Price

$3700

With top

$3900



Model: 102.

Body: Slat truck.

Color: Optional.

Carrying capacity: 6000 pounds.

Total weight: 5000 pounds.

Wheel base: 111 inches.

Wheel tread: 62 inches.

Tire dimensions, front: 36 x 4 inches, solid.

Tire dimensions, rear: 36 x 6 inches, solid.

Steering: Wheel.

Brakes: Two foot; one hand.

Gasoline capacity: 15 gallons.

Frame: Channel steel.

Horse-power: 16-20.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under center of body.

Cooling: Air.

Ignition: Jump spark; dry cells.

Drive: Double side chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Permanent.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000

With top

$4200

Model: G, TONNEAU.

Body: Straight line or K. of B.; side entrance.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2800 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, screw and nut type.

Brakes: Foot, on differential; hand, internal expanding, on both rear wheels—all double acting; metal to metal.

Gasoline capacity: 20 gallons.

Frame: Pressed steel, without bend.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; magneto and battery.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Waterproof cloth, extension.

Descriptive catalogue sent upon application to the above-named company.

Price
$5000

Model: G, LIMOUSINE.

Body: Limousine, side entrance.

Color: Optional.

Seating capacity: Six persons.

Total weight: 3200 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, screw and nut type.

Brakes: Foot, on differential; hand, internal expanding, on both rear wheels—all double acting; metal to metal

Gasoline capacity: 20 gallons.

Frame: Pressed steel, without bend.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; magneto and battery.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: As shown.

Descriptive catalogue sent upon application to the above-named company.

Price

$2900

Model: E.

Body: Fish-tail runabout.

Color: Optional.

Seating capacity: Two persons.

Total weight: 1700 pounds.

Wheel base: 93 inches.

Wheel tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Irreversible worm gear mechanism, brass column, hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity: 17 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator, with gear-driven centrifugal pump.

Ignition: Made-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$3000
With top
$3130

Model: E.

Body: Side entrance; top irons.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 93 inches.

Wheel tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Irreversible worm gear mechanism, brass column, hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity: 17 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator, with gear-driven centrifugal pump.

Ignition: Make-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart hood.

Descriptive catalogue sent upon application to the above-named company.

Price
$3750

Model: E.

Body: Limousine.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2500 pounds.

Wheel base: 97 inches.

Wheel tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 incnes.

Steering: Irreversible worm gear mechanism, brass column, hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity: 17 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged. Vertically, under hood.

Cooling: Water; cellular radiator, with gear-driven centrifugal pump

Ignition: Make-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000

Model: H.

Body: Side entrance.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 2600 pounds.

Wheel base: 106 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Irreversible worm gear mechanism, brass column, hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity: 23 gallons.

Frame: Pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator, with gear-driven centrifugal pump.

Ignition: Make-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$6200

Model: H.

Body: Limousine.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 3100 pounds.

Wheel base: 106 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Irreversible worm gear mechanism, brass column, hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity: 23 gallons.

Frame: Pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; cellular radiator, with gear-driven centrifugal pump.

Ignition: Make-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

Price

$18,000

Model: CUP RACER.

Body: Racing.

Color: Red.

Seating capacity: Two persons.

Total weight: 2204 pounds.

Wheel base: 110 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel and worm; hard rubber grip.

Brakes: Metal running brake; internal expansion metal emergency brakes.

Gasoline capacity 33 gallons.

Frame: Pressed steel.

Horse-power. 90.

Number of cylinders. Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water, cellular radiator, with gear-driven centrifugal pump.

Ignition: Make-and-break; iridium contacts; Locomobile magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company

MATHESON MOTOR CAR COMPANY, WILKESBARRE, PA.

Price
$5000

Model: **RUNABOUT.**

Body: Aluminum.

Color: Optional.

Seating capacity: Two persons.

Total weight: 2300 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Four; two expanding clutch on rear hubs; and two band on differential sprockets, water-cooled.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed nickel steel.

Horse-power: 40-45 (also 60-65).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; honeycomb radiator.

Ignition: Make-and-break; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three or four forward (optional), one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
with top and glass front
$6000

Model: TOURING CAR.

Body: Aluminum, side entrance.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2960 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Four; two expanding clutch on rear hubs; and two band on differential sprockets, water-cooled.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed nickel steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, in front.

Cooling: Water; honeycomb radiator.

Ignition: Make-and-break; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three or four forward (optional), one reverse.

Style of top: Cape cart, waterproof.

Descriptive catalogue sent upon application to the above-named company.

Price
$6500

Model: LIMOUSINE.

Body: Aluminum.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3250 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Four; two expanding clutch on rear hubs; and two band on differential sprockets, water-cooled.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed nickel steel.

Horse-power: 40-45 (also 60-65).

Number of cylinders: Four.

Cylinders arranged: Vertically, in front.

Cooling: Water; honeycomb radiator.

Ignition: Make-and-break; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three or four forward (optional), one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
with top
$7500

Model: TOURING CAR.

Body: Aluminum, side entrance.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3160 pounds.

Wheel base: 118 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Four; two expanding clutch on rear hubs; and two band on differential sprockets, water-cooled.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed nickel steel.

Horse-power: 60-65.

Number of cylinders: Four.

Cylinders arranged: Vertically, in front.

Cooling: Water; honeycomb radiator.

Ignition: Make-and-break; magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Three or four forward (optional), one reverse.

Style of top: Cape cart, waterproof.

Descriptive catalogue sent upon application to the above-named company.

NORTHERN MANUFACTURING COMPANY, DETROIT, MICHIGAN

Price
$650
With top
$700

Model: 1906 NORTHERN RUNABOUT.

Body: Wood.

Color: Carmine.

Seating capacity: Two, or four with dos-a-dos seat.

Total weight: 1100 pounds.

Wheel base: 70 inches.

Wheel tread: 56 or 60 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Center lever.

Brakes: On rear axle differential and transmission reverse.

Gasoline capacity: 7½ gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; 18-tube radiator and rotary pump.

Ignition: Jump spark; batteries.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Full leather carriage top with front storm shield.

Descriptive catalogue sent upon application to the above-named company.

Price

$1700

With top

$1775

Model: C, TWO - PASSENGER NORTHERN TOURING CAR.

Body: Wood.

Color: Body, Northern green; gear, cream yellow.

Seating capacity: Two persons.

Total weight: 1700 pounds.

Wheel base: 88, 100 or 106 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel; adjustable gear.

Brakes: Hub and transmission.

Gasoline capacity: 10 gallons.

Frame: Angle steel.

Horse-power: 20.

Number of cylinders: Two.

Cylinders arranged: Double opposed, under hood.

Cooling: Water; radiator and rotary pump.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$1800
With top
$1900

Model: C, FIVE - PASSENGER NORTHERN TOURING CAR.

Body: Wood.

Color: Body, Northern green; gear, cream yellow.

Seating capacity: Five persons.

Total weight: 2100 pounds.

Wheel base: 106 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel; adjustable gear.

Brakes: Hub and transmission.

Gasoline capacity: 10 gallons.

Frame: Angle steel.

Horse-power: 20.

Number of cylinders: Two.

Cylinders arranged: Double opposed, under hood.

Cooling: Water; radiator and rotary pump.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$2800

Model: C, NORTHERN LIMOUSINE.

Body: Wood.

Color: Optional.

Seating capacity: Four or five persons.

Total weight: 2300 pounds.

Wheel base: 106 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel; adjustable gear.

Brakes: Hubs and transmission.

Gasoline capacity: 10 gallons.

Frame: Angle steel.

Horse-power: 20.

Number of cylinders: Two.

Cylinders arranged: Double opposed, under hood.

Cooling: Water; radiator and rotary pump.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

NORTHERN MANUFACTURING COMPANY, DETROIT, MICHIGAN

Price
$3000
With top
$3200

Model: K, NORTHERN TOURING CAR.

Body: Wood.

Color: Optional.

Seating capacity: Five or six persons.

Total weight: 2200 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel; irreversible adjustable gear.

Brakes: Two independent sets; one air-controlled, the other foot-controlled.

Gasoline capacity: 18 gallons.

Frame: Angle steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; radiator and gear pump.

Ignition: Jump spark; with storage and dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear (in rear axle housing).

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$650

Model: B, STRAIGHT DASH.

Body: Wood, piano box.

Color: Black with red trimmings.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 66 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Tiller.

Brakes: Transmission and rear hub, operated by pedal.

Gasoline capacity: 5 gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; gear pump and copper disk radiator.

Ignition: Jump spark; dry cells.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Carriage.

Descriptive catalogue sent upon application to the above-named company.

Price

$650

Model: B, CURVED DASH.

Body: Wood.

Color: Black with red trimmings.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 66 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Tiller.

Brakes: Transmission and rear hub, operated by pedal.

Gasoline capacity: 5 gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontally, under body.

Cooling: Water; gear pump and copper disk radiator.

Ignition: Jump spark; dry cells.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Carriage.

Descriptive catalogue sent upon application to the above-named company.

Price

$1250

Model: L, THE DOUBLE-ACTION OLDS.

Body: Wood; removable rear seats; beetle baggage compartment.

Color: Gray or dark green.

Seating capacity: Four persons.

Total weight: 2100 pounds.

Wheel base: 102 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel, irreversible; worm and nut type.

Brakes: Two; cardan shaft, operated by pedal; rear hub, operated by lever.

Gasoline capacity: 15 gallons.

Frame: Pressed steel, channel section.

Horse-power: 20-24.

Number of cylinders: Two, of the two-cycle type.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear pump and flat tube radiator.

Ignition: Jump spark; dry cells and storage cell.

Drive: Bevel gear.

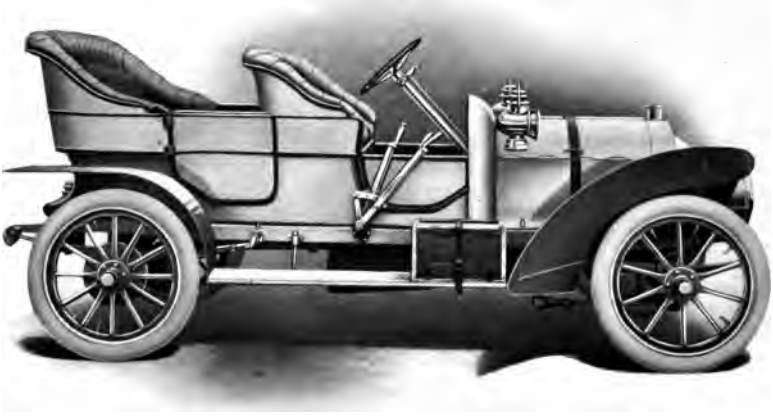
Transmission: Selective sliding gear.

Speeds: Three forward, one reverse.

Style of top: Canopy or extension top furnished on special order.

Descriptive catalogue sent upon application to the above-named company.

Price
$2250



Model: S.

Body: Wood, side door in both front and rear seats.

Color: Gray or dark green.

Seating capacity: Five persons.

Total weight: 2300 pounds.

Wheel base: 106 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel, irreversible; worm and nut type.

Brakes: Two; cardan shaft, operated by pedal; rear hub, operated by lever.

Gasoline capacity: 15 gallons.

Frame: Pressed steel, channel section.

Horse-power: 26-28.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear pump and flat tube radiator.

Ignition: Jump spark; dry cells and storage cell.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Speeds: Three forward, one reverse.

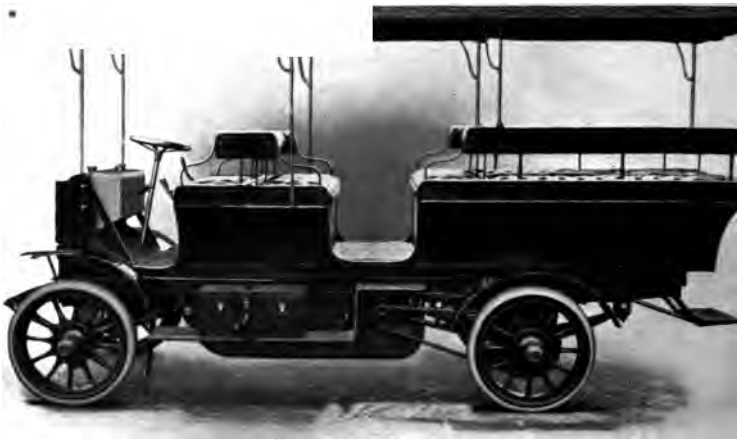
Style of top: Canopy or extension top furnished on special order.

Descriptive catalogue sent upon application to the above-named company.

Price

with top

$2250



Model: WAGONETTE TYPE.

Body: Wood.

Color: Optional.

Seating capacity: 18 persons.

Total weight: 3000 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches, solid.

Tire dimensions, rear: 34 x 4 inches, solid.

Steering: Wheel, irreversible.

Brakes: Transmission, controlled by pedal; internal hub, controlled by hand lever.

Gasoline capacity: 12 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Two.

Cylinders arranged: Vertically, under seat.

Cooling: Water; gear pump, and radiator on front of dash.

Ignition: Jump spark; dry cells and storage battery.

Drive: Double side chain.

Transmission: Planetary, mounted on countershaft.

Speeds: Two forward, one reverse.

Style of top: Canopy.

Descriptive catalogue sent upon application to the above-named company.

Price
$2350

Model: OLDSMOBILE DELIVERY.

Body: Wood, delivery, built to order.

Color: Optional.

Carrying capacity: 3000 pounds.

Total weight: 3000 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches, solid.

Tire dimensions, rear: 34 x 4 inches, solid.

Steering: Wheel, irreversible.

Brakes: Transmission, controlled by pedal; internal hub, controlled by hand lever.

Gasoline capacity: 12 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Two.

Cylinders arranged: Vertically, under seat.

Cooling: Water; gear pump, and radiator on front of dash.

Ignition: Jump spark; dry cells and storage battery.

Drive: Double side chain.

Transmission: Planetary, mounted on countershaft.

Speeds: Two forward, one reverse.

Style of top: Built to order.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000
With top
$4100

Model: PACKARD RUNABOUT.

Body: Two-passenger.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Two persons.

Total weight: 2425 pounds.

Wheel base: 108 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel, with worm and sector.

Brakes: Four, two expanding and two contracting, all acting directly on the rear wheels.

Gasoline capacity: 10 gallons.

Frame: Pressed cold-rolled steel with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator, forced circulation.

Ignition: Jump spark; low tension magneto and storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

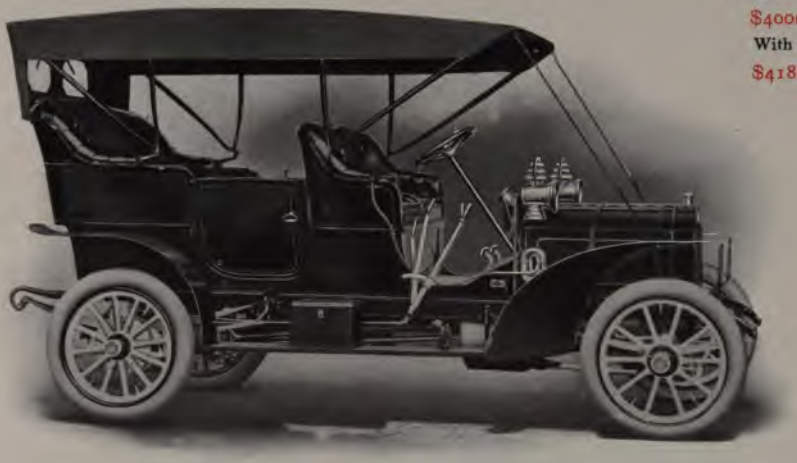
Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000
With top
$4180



Model: PACKARD 24 (with extension cape cart top).

Body: Double side entrance phaeton.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Five persons.

Total weight: 2820 pounds.

Wheel base: 119 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Four, two expanding and two contracting, all acting directly on the rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed cold-rolled steel with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator, forced circulation.

Ignition: Jump spark; low tension magneto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

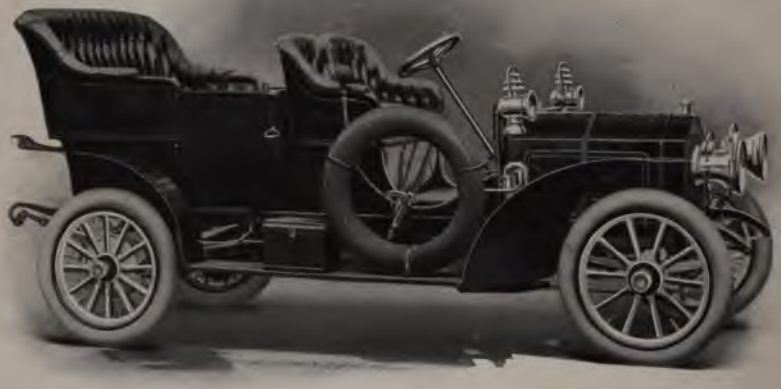
Speeds: Three forward, one reverse.

Style of top: Extension cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000
With top
$4180 to
$4375



Model: PACKARD 24.

Body: Double side entrance phaeton.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Five persons.

Total weight: 2740 pounds.

Wheel base: 119 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Four, two expanding and two contracting, all acting directly on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed cold-rolled steel with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator, forced circulation.

Ignition: Jump spark; low tension magneto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension cape cart, victoria, canopy or touring canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

$4187.50

Model: PACKARD 24, VICTORIA

Body: Double phaeton.

Color: Body, Richelieu blue; gear, cream yellow.

Seating capacity: Five persons.

Total weight: 2850 pounds.

Wheel base: 119 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Four double acting, on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed cold-rolled steel, with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; positive circulating tubular radiator.

Ignition: Low tension magneto and storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

$5200

Model: PACKARD 24, LIMOUSINE.

Body: Limousine.

Color: Richelieu blue, with black top and panels.

Seating capacity: Six persons.

Total weight: 3000 pounds.

Wheel base: 119 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Four, two expanding and two contracting, all acting directly on the rear wheels.

Gasoline capacity: 20 gallons.

Frame: Cold-rolled steel with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator, forced circulation.

Ignition: Jump spark; magneto and storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
$5225

Model: PACKARD 24, LANDAULET.

Body: Collapsible landaulet.

Color: Richelieu blue, with black top and panels.

Seating capacity: Six persons.

Total weight: 3050 pounds.

Wheel base: 119 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Four, two expanding and two contracting, all acting directly on the rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed cold-rolled steel with integral gussets.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; tubular radiator, forced circulation.

Ignition: Jump spark; magneto and storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

$3750

Model: 14 PEERLESS ROADSTER.

Body: Runabout.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2500 pounds.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot and hand, on rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$3750
With cape cart top
$3900
Canopy or victoria
$4000

Model: 14.

Body: King of Belgians.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2600 pounds.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot and hand, on rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Cape cart, canopy or victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

$4500

Model: 14.

Body: Limousine.

Color: Optional.

Seating capacity: Five persons.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot and hand, on rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000

With cape cart top

$5150

Canopy or victoria

$5250

Model: 15.

Body: King of Belgians.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2800 pounds.

Wheel base: 114 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot and hand, on rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark; batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Cape cart, canopy or victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

$900
With top
$985 and
$1000

Model: PIERCE STANHOPE.

Body: Stanhope, with folding front seat.

Color: Quaker green.

Seating capacity: Four persons.

Total weight: 1250 pounds.

Wheel base: 70 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 inches.

Steering: Wheel.

Brakes: Hub.

Gasoline capacity: 5 gallons.

Frame: Shelby tubular steel.

Horse-power: 8.

Number of cylinders: One.

Cylinder arranged: Vertically.

Cooling: Water.

Ignition: Jump spark.

Drive: Spur gear.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Buggy or victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000
With cape top

$4200
Victoria

$4150
Semi-enclosed top

$4350

Model: PIERCE GREAT ARROW.

Body: Victoria tonneau or straight-line tonneau.

Color: Dark blue.

Seating capacity: Five persons.

Total weight: 2700 pounds.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28-32.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Cape, victoria or canopy semi-enclosed rear.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000

With cape top
$5200

Victoria
$5150

Semi-enclosed top
$5350

Model: PIERCE GREAT ARROW.

Body: Victoria tonneau or straight-line tonneau.

Color: Dark Brewster green.

Seating capacity: Seven persons.

Total weight: 3100 pounds.

Wheel base: 109 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4½ inches.

Tire dimensions, rear: 36 x 5 inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Cape, victoria or canopy semi-enclosed rear.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000
With 40-45 horse-power
$6000

Model: GREAT ARROW OPERA COACH.

Body: Sheet aluminum.

Color: Optional.

Seating capacity: Eight persons.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28-32.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Enclosed.

Descriptive catalogue sent upon application to the above-named company.

Price

$5000
With 40-45 horse-power
$6000

Model: GREAT ARROW SUBURBAN.

Body: Cast aluminum.

Color: Optional.

Seating capacity: Seven persons.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28-32.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Enclosed.

Descriptive catalogue sent upon application to the above-named company.

Price

$5250

With 40-45 horse-power

$6250

Model: GREAT ARROW LANDAULET.

Body: Sheet aluminum.

Color: Optional.

Seating capacity: Seven persons.

Wheel base: 107 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel channel section.

Horse-power: 28-32.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Enclosed.

Descriptive catalogue sent upon application to the above-named company.

Price

$1600
With top
$1700

Model: POPE-HARTFORD, MODEL G.

Body: Double side entrance.

Color: Brewster green.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 88 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel, worm and sector.

Brakes: Two on rear wheel drums; one on propeller shaft

Gasoline capacity: 11½ gallons.

Frame: Armored wood.

Horse-power: 18.

Number of cylinders Two.

Cylinders arranged: Horizontally, opposed. under hood.

Cooling: Water: pump, driven from secondary shaft.

Ignition: Jump spark: two sets of dry cell batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension.

Descriptive catalogue sent upon application to the above-named company.

Price

$2500
With top
$2625

Model: POPE-HARTFORD, MODEL F.

Body: Double side entrance.

Color: Purple lake.

Seating capacity: Five persons.

Total weight: 2250 pounds.

Wheel base: 98 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel, worm and sector.

Brakes: Two on rear wheel drums; one on propeller shaft.

Gasoline capacity: 15 gallons.

Frame: Armored wood.

Horse-power: 28-30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; pump, driven from secondary shaft.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension.

Descriptive catalogue sent upon application to the above-named company.

Price
$900

Model: POPE-TRIBUNE, MODEL V.

Body: Double side entrance tonneau.

Color: Tribune brown, gold striping.

Seating capacity: Four persons.

Total weight: 1500 pounds.

Wheel base: 85 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Hand wheel, through worm.

Brakes: Two on drum attached to rear wheels; one on propeller shaft.

Gasoline capacity: 8 gallons.

Frame: Angle steel.

Horse-power: 14.

Number of cylinders: Two.

Cylinders arranged: Vertically, under hood.

Cooling: Water; centrifugal pump, gear-driven from timing gear.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension when ordered, $100 extra.

Descriptive catalogue sent upon application to the above-named company.

Price

$2800

With top

$3000

Model: POPE-TOLEDO, TYPE X.

Body: Double side entrance.

Color: To specifications.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 88 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel, irreversible; worm and segment type.

Brakes: Main brake on drive shaft; two band brakes rear wheels.

Gasoline capacity: 15 gallons.

Frame: Channel steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water, "planetic."

Ignition: Jump spark.

Drive: Double side chain.

Transmission: Sliding gear (six-pitch teeth).

Speeds: Three forward, one reverse.

Style of top: Extension cape cart, victoria or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

$3500
With top
$3700

Model: POPE - TOLEDO, TYPE XII.

Body: Double side entrance.

Color: To specifications.

Seating capacity: Seven persons.

Total weight: 2500 pounds.

Wheel base: 104 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Irreversible; worm and segment type.

Brakes: Hand lever emergency brake and foot brake, internal expanding type, engaging wide drum attached to each rear wheel.

Gasoline capacity: 17 gallons.

Frame: Channel steel of new design, straight sided.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water, "planetic."

Ignition: Jump spark; coils and batteries. Provision made for magneto.

Drive: Double side chain.

Transmission: Sliding gear (six-pitch teeth).

Speeds: Three forward, one reverse.

Style of top: Extension cape cart, victoria or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price
$5000

Model: POPE - TOLEDO, TYPE XII, LIMOUSINE.

Body: Double side entrance.

Color: To specifications.

Seating capacity: Seven persons.

Total weight: 2900 pounds

Wheel base: 104 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Irreversible; worm and segment type.

Brakes: Hand lever emergency brake and foot brake, internal expanding type, engaging wide drum attached to each rear wheel.

Gasoline capacity: 17 gallons.

Frame: Channel steel of new design, straight sided.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water, "planetic."

Ignition: Jump spark; coils and batteries. Provision made for magneto.

Drive: Double side chain.

Transmission: Sliding gear (six-pitch teeth).

Speeds: Three forward, one reverse.

Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

$3500

Model: N.

Body: Runabout.

Color: Optional.

Seating capacity: Two persons.

Total weight: 2500 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Internal expanding on rear wheels and on transmission.

Gasoline capacity: 22 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Cellular radiator.

Ignition: Jump spark: storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

$3500

Model: G.

Body: King of Belgians.

Color: Standard Royal blue, or to order.

Seating capacity: Five persons.

Total weight: 2650 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Internal expanding on rear wheels and on transmission.

Gasoline capacity: 22 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Cellular radiator.

Ignition: Jump spark; storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price
$4750

Model: H.

Body: Small limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2900 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Internal expanding on rear wheels and on transmission.

Gasoline capacity: 22 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Cellular radiator.

Ignition: Jump spark; storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price
$5000

Model: J.

Body: Large limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3000 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches

Steering: Worm and segment.

Brakes: Internal expanding on rear wheels and on transmission.

Gasoline capacity: 22 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Cellular radiator.

Ignition: Jump spark; storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000

Model: M.

Body: Demi-limousine.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2750 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Worm and segment.

Brakes: Internal expanding on rear wheels and on transmission.

Gasoline capacity: 22 gallons.

Frame: Pressed steel.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Cellular radiator.

Ignition: Jump spark; storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$5000

Body
$750 to
$2000

Model: SMITH & MABLEY SIMPLEX 1906.

Body: Optional.

Color: Optional.

Seating capacity: 5 to 7 persons.

Total weight: Chassis, 2100 pounds.

Wheel base: 106 to 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, positive worm and sector.

Brakes: Foot, on differential; emergency, on both rear wheels.

Gasoline capacity: 25 to 28 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; centrifugal pump, radiator and fan.

Ignition: Jump spark; coil or magneto, or both.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$8400
Body
$750 to
$2000

Model : MERCEDES, 1906.

Body : Optional.

Color : Optional.

Seating capacity : 5 to 7 persons.

Total weight : 2100 to 2300 pounds.

Wheel base : 125 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 910 x 90 m/m.

Tire dimensions, rear : 920 x 120 m/m.

Steering : Wheel, positive worm and sector.

Brakes: Foot, on differential and on countershaft; emergency, on rear wheels.

Gasoline capacity : 25 to 28 gallons.

Frame : Pressed steel.

Horse-power : 35 (also 45).

Number of cylinders : Four.

Cylinders arranged : Vertically, under hood; cast in pairs.

Cooling : Water; centrifugal pump, radiator and fan.

Ignition : Make-and-break; magneto.

Drive : Double side chain.

Transmission : Sliding gear.

Speeds : Four forward, one reverse.

Style of top : Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$6000
Body
$750 to
$2000

Model: PANHARD-LEVASSOR.

Body: Optional.

Color: Optional.

Seating capacity: Five to seven persons

Total weight: 3000 pounds.

Wheel base: 109 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 910 x 90 m/m.

Steering: Wheel, worm and sector.

Brakes: On differential, and on rear wheels.

Gasoline capacity. 25 gallons.

Frame: Armored wood, steel reinforced.

Horse-power: 24 (also 15, 18, 35 and 50).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water; centrifugal pump, radiator and fan.

Ignition: Jump spark; battery and magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

chassis
$5400
Body
$750 to
$2000

Model: RENAULT.

Body: Optional.

Color: Optional.

Seating capacity: Five to seven persons

Total weight: 3400 pounds.

Wheel base: 115 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 870 x 90 m/m.

Tire dimensions, rear: 875 x 105 m/m.

Steering: Wheel, worm and sector.

Brakes: On driving shaft and rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 20-30 (also 10-14, 14-20 and 35-45).

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; thermo-syphon system; radiator on dash.

Ignition: Jump spark; magneto.

Drive: Bevel gear.

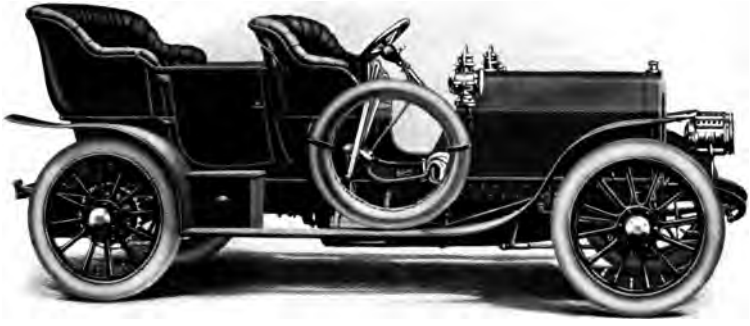
Transmission: Sliding and drop gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price
$4250



Model: STEARNS, 40-45.

Body: Cast aluminum, French type, double side door.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 3000 pounds.

Wheel base: 118 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel.

Brakes: Expanding on rear hubs, foot on differential.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Ignition: High tension magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$4600

Model: STEARNS, 40-45.

Body: Cast aluminum, French type, double side door.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 3000 pounds.

Wheel base: 118 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel.

Brakes: Expanding on rear hubs, foot on differential.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Ignition: High tension magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price
$5200

Model: STEARNS, 40-45.

Body: Cast aluminum, French type, double side door.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 3000 pounds.

Wheel base: 118 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Wheel.

Brakes: Expanding on rear hubs, foot on differential.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Ignition: High tension magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$1250
With top
$1300

Model: L, STEVENS-DURYEA.

Body: Wood; folding front seat.

Color: Maroon.

Seating capacity: Two or four persons.

Total weight: 1350 pounds.

Wheel base: 69 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3½ inches.

Steering: One spoke of steering-wheel.

Brakes: Two.

Gasoline capacity: 6 gallons.

Frame: Tubular.

Horse-power: 7.

Number of cylinders: Two.

Cylinders arranged: Horizontally, opposed, under body.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Individual clutch.

Speeds: Three forward, one reverse.

Style of top: Victoria or buggy.

Descriptive catalogue sent upon application to the above-named company.

Price

$2400

Model: R, STEVENS - DURYEA FOUR-CYLINDER RUNABOUT.

Body: Aluminum, tulip style.

Color: Brewster green.

Seating capacity: Two persons.

Total weight: 1650 pounds.

Wheel base: 90 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension folding.

Descriptive catalogue sent upon application to the above-named company.

Price

$2500
With top
$2600

Model: R, STEVENS-DURYEA.

Body: Aluminum, tulip style; side entrance.

Color: Brewster green.

Seating capacity: Five persons.

Total weight: 1700 pounds.

Wheel base: 90 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

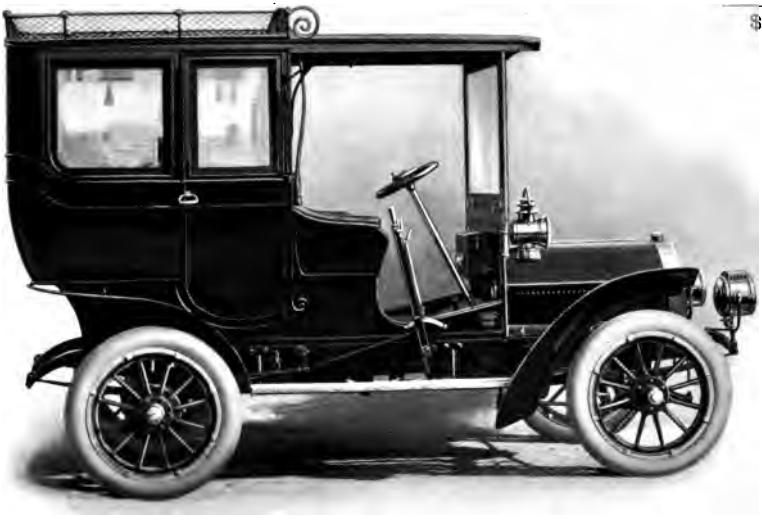
Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Extension folding.

Descriptive catalogue sent upon application to the above-named company.

Price
$3300



Model: R, STEVENS - DURYEA LIMOUSINE.

Body: Limousine.

Color: Optional.

Seating capacity: Four persons.

Total weight: 2000 pounds.

Wheel base: 90 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 31 x 4 inches.

Tire dimensions, rear: 31 x 4 inches.

Steering: Wheel.

Brakes: Two.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast separately.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

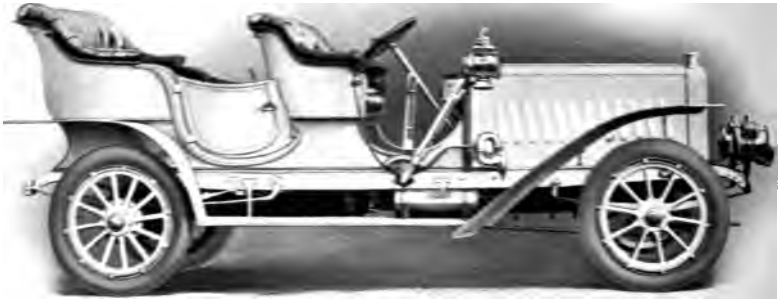
Speeds: Three forward, one reverse.

Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
$5000



Model: STEVENS-DURYEA BIG 6 unit power plant.

Body: Side entrance.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2300 pounds.

Wheel base: 122 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Two; both rear axle.

Gasoline capacity: 22 gallons.

Frame: Pressed steel, channel; high carbon.

Horse-power: 50.

Number of cylinders: Six.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Ignition: Jump spark.

Drive: Bevel gear.

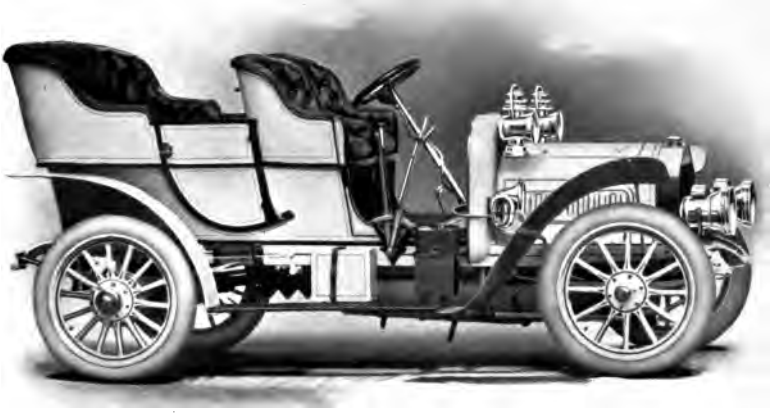
Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Extension folding.

Descriptive catalogue sent upon application to the above-named company.

Price
$2600



Model: STUDEBAKER E-20.

Body: Studebaker light construction, with special reinforcements.

Color: Dark blue, maroon, dark green or pearl gray.

Seating capacity: Five persons.

Total weight: 2400 pounds.

Wheel base: 98 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Irreversible wheel.

Brakes: Foot, on propeller shaft; hand, on drums on both rear wheels.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven centrifugal pump, cellular radiator and fan.

Ignition: Jump spark; storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$3000

Model: STUDEBAKER F-28.

Body: Studebaker light construction, with special reinforcements.

Color: Dark blue, maroon, dark green or pearl gray.

Seating capacity: Five persons.

Total weight: 2700 pounds.

Wheel base: 104 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel, irreversible.

Brakes: Internal and external on both rear wheels.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 28.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven pump, radiator and fan.

Ignition: Jump spark; storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price
$3700

Model: STUDEBAKER G-30.

Body: Studebaker light construction, with special reinforcements.

Color: Dark blue, maroon, dark green or pearl gray.

Seating capacity: Five persons.

Total weight: 2700 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel, irreversible.

Brakes: Foot, on propeller shaft; hand, on drums on both rear wheels.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven pump, radiator and fan.

Ignition: Make-and-break; magneto.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000

Model: STUDEBAKER E-20 TOWN CAR.

Body: Studebaker light construction, with special reinforcements.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2750 pounds.

Wheel base: 98 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 32 x 4½ inches.

Tire dimensions, rear: 32 x 4½ inches.

Steering: Wheel, irreversible.

Brakes: Foot, on propeller shaft; hand, on drums on both rear wheels.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; gear-driven centrifugal pump, cellular radiator and fan.

Ignition: Jump spark; storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$3500
With top and glass front

$3700

Model: 31, THOMAS FLYER.

Body: Touring.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3200 pounds.

Wheel base: 118 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Two internal expanding, two external contracting, ratchet and pawl safety device, all on rear hubs.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed steel, reinforced and trussed.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; fan.

Ignition: Jump spark; single coil; storage battery or magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Style of top: Cape or extension.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000

Model: 34.

Body: Semi-limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3300 pounds.

Wheel base: 118 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, with worm and sector.

Brakes: Two internal expanding, two external contracting, ratchet and pawl safety device, all on rear hubs.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed steel, reinforced and trussed.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; fan.

Ignition: Jump spark; single coil; storage battery or magneto.

Drive: Double side chain.

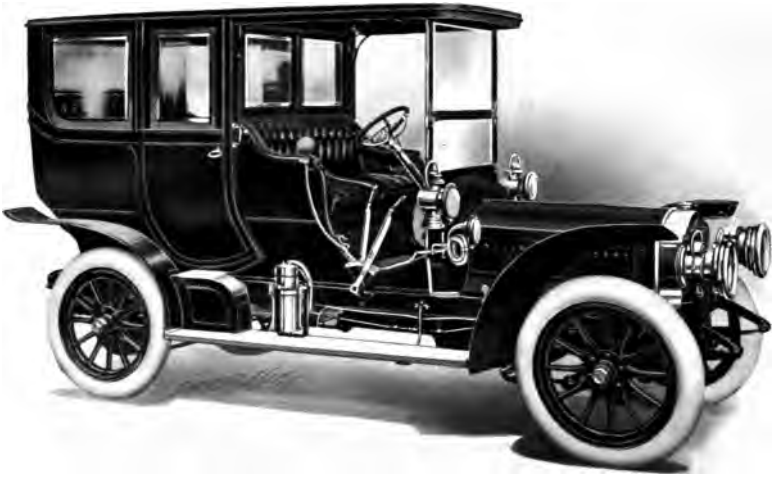
Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4500



Model: 32.

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3500 pounds.

Wheel base: 118 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 5 inches.

Steering: Wheel, with worm and sector.

Brakes: Two internal expanding, two external contracting, ratchet and pawl safety device, all on rear hubs.

Gasoline capacity: 20 gallons.

Frame: Cold-pressed steel, reinforced and trussed.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; fan.

Ignition: Jump spark; single coil; storage battery or magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4600

Model : 33.

Body : Landaulet.

Color : Optional.

Seating capacity : Seven persons.

Total weight : 3500 pounds.

Wheel base : 118 inches.

Wheel tread : 56½ inches.

Tire dimensions, front : 34 x 4½ inches.

Tire dimensions, rear : 34 x 5 inches.

Steering : Wheel, with worm and sector.

Brakes : Two internal expanding, two external contracting, ratchet and pawl safety device, all on rear hubs.

Gasoline capacity : 20 gallons.

Frame : Cold-pressed steel, reinforced and trussed.

Horse-power : 50.

Number of cylinders : Four.

Cylinders arranged : Vertically, under hood.

Cooling : Water ; fan.

Ignition : Jump spark ; single coil ; storage battery or magneto.

Drive : Double side chain.

Transmission : Selective sliding gear.

Speeds : Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

$4000

With limousin body

$4700

Model: WALTER, SIDE ENTRANCE PHAETON.

Body: Aluminum.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 2800 pounds.

Wheel base: 110 to 122 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, worm and segment.

Brakes: Two internal expansion, on rear hubs; foot, on differential.

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water; honeycomb radiator.

Ignition: Jump spark; storage battery and magneto.

Drive: Bevel gear.

Transmission Double sliding gear; direct on high gear.

Speeds: Three forward, one reverse.

Style of top: None furnished—body fitted for one.

Descriptive catalogue sent upon application to the above-named company.

Price

$400
With top
$412

Model: ORIENT, BB.

Body: Wood.

Color: Natural wood; carmine running gear.

Seating capacity: Two persons.

Total weight: 600 pounds.

Wheel base: 80 inches.

Wheel tread: 42 inches (or 56, extra).

Tire dimensions, front: 26 x 2½ inches.

Tire dimensions, rear: 26 x 2½ inches.

Steering: Tiller.

Brakes: External bands on both rear hubs, with foot lever.

Gasoline capacity: 3½ gallons.

Frame: Ash.

Horse-power: 4.

Number of cylinders: One.

Cylinder arranged: In rear of car.

Cooling: Air.

Ignition: Jump spark; dry batteries.

Drive: Double side chain.

Transmission: Friction discs.

Speeds: Innumerable, forward and reverse.

Style of top: Canopy.

Descriptive catalogue sent upon application to the above-named company.

WALTHAM MANUFACTURING COMPANY, WALTHAM, MASS.

Price
$1600
With top
$1700

Model: K, WALTHAM-ORIENT.

Body: Wood.

Color: Quaker green; carmine running gear.

Seating capacity: Two persons.

Total weight: 1300 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Foot, on transmission shaft; hand, external bands on rear hubs.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; storage and dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Buggy or victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

$1750

With top
$1850

Model: M, WALTHAM-ORIENT.

Body: Wood.

Color: Quaker green; carmine running gear.

Seating capacity: Four persons.

Total weight: 1450 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Foot, on transmission shaft; hand, external bands on rear hubs.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; storage and dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$1750
With top
$1850

Model: L, WALTHAM-ORIENT.

Body: Wood.

Color: Quaker green; carmine running gear.

Seating capacity: Five persons.

Total weight: 1450 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Foot, on transmission shaft; hand, external bands on rear hubs.

Gasoline capacity: 8 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; storage and dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$2000

With top
$2125

Model: **N. WALTHAM-ORIENT.**

Body: **Wood.**

Color: **Quaker green; carmine running gear.**

Seating capacity: **Five persons.**

Total weight: **1800 pounds.**

Wheel base: **96 inches.**

Wheel tread: **56 inches.**

Tire dimensions, front: **32 x 3½ inches.**

Tire dimensions, rear: **32 x 3½ inches.**

Steering: **Wheel.**

Brakes: **Foot, on transmission shaft; hand, external bands on rear hubs.**

Gasoline capacity: **10 gallons.**

Frame: **Pressed steel.**

Horse-power: **20.**

Number of cylinders: **Four.**

Cylinders arranged: **Vertically, under hood.**

Cooling: **Air.**

Ignition: **Jump spark; storage and dry batteries.**

Drive: **Bevel gear.**

Transmission: **Sliding gear.**

Speeds: **Three forward, one reverse.**

Style of top: **Cape cart.**

Descriptive catalogue sent upon application to the above-named company.

Price
$2250
With top
$2375

Model: R, WALTHAM-ORIENT.

Body: Wood.

Color: Brewster green; carmine running gear.

Seating capacity: Five persons.

Total weight: 1850 pounds.

Wheel base: 96 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel.

Brakes: Foot, on transmission shaft; hand, external bands on rear hubs.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark; storage and dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

$2500

With top full leather

$2700

Model: K.

Body: Touring car.

Color: Option of four.

Seating capacity: Five persons.

Wheel base: 102 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel.

Brakes: Three.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; centrifugal pump.

Ignition: Jump spark; unit coil, dry and storage batteries.

Drive: Bevel gear.

Transmission: Individual clutch.

Speeds: Two forward, one reverse.

Style of top: Full leather, imitation leather, khaki or pantasote.

Descriptive catalogue sent upon application to the above-named company.

Price

$3500

Model: K, LIMOUSINE.

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Wheel base: 102 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel.

Brakes: Three.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood.

Cooling: Water; centrifugal pump.

Ignition: Jump spark; unit coil, dry and storage batteries.

Drive: Bevel gear.

Transmission: Individual clutch.

Speeds: Two forward, one reverse.

Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.